



Final Product/Process Change Notification

Document #:FPCN24728X

Issue Date:27 Mar 2023

Title of Change:	Qualify ASEM as additional Assembly and Test site for FDMF5085 and FDMF5068.	
Proposed First Ship date:	04 Jul 2023 or earlier if approved by customer	
Contact Information:	Contact your local onsemi Sales Office or Ravi.Savanur@onsemi.com	
PCN Samples Contact:	Contact your local onsemi Sales Office. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.	
Additional Reliability Data:	Contact your local onsemi Sales Office or Aileen.Allado@onsemi.com	
Type of Notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. onsemi will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com	
Marking of Parts/ Traceability of Change:	Marking will have site information for traceability	
Change Category:	Assembly Change, Test Change	
Change Sub-Category(s):	Manufacturing Site Addition	
Sites Affected:		
onsemi Sites	External Foundry/Subcon Sites	
None	ASEM, Malaysia	
Description and Purpose:		
This Final notification is to notify customers the qualification of ASEM as additional Assembly and Test site for FDMF5085, FDMF5068 and FDMF3016.		
	From	To
Assembly and Test Site	UTL / CEBU	UTL/CEBU/ASEM
There are no product material changes as a result of this change.		
There is no product marking change as a result of this change.		



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Reliability Data Summary:

QV DEVICE NAME: FDMF5085

RMS: F82441

PACKAGE: PQFN39 CU 3DIE HPBF MCM

Test	Specification	Condition	Interval	Results
HTSL	JESD22-A103	Ta= 150°C	1008 hrs	0/231
TC	JESD22-A104	Ta= -65°C to +150°C	500 cyc	0/231
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	192 hrs	0/231
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C		0/693
RSH	JESD22- B106	Ta = 265C, 10 sec		0/30
SD	JSTD002	Ta = 245C, 5 sec		0/30

Electrical Characteristics Summary:

Electrical characteristics are not impacted.

List of Affected Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the **PCN Customized Portal**.

Part Number	Qualification Vehicle
FDMF5068	FDMF5085
FDMF5085	FDMF5085